ROAD 2 MRCP

MRCP Part 1 Exam Batch (Online)

EXAM ROUTINE: CARDIOLOGY

DATE	EXAM NAME	SYLLABUS
19 September 2022	CARDIOLOGY: EXAM -1	LECTURE - 2 : ACUTE CORONARY SYNDROME LECTURE – 3 : CARDITIS
21 September 2022	CARDIOLOGY: EXAM -2	LECTURE - 4 : ARRHYTHMIA
23 September 2022	CARDIOLOGY: EXAM -3	LECTURE – 1 : CARDIOVASCULAR PHYSIOLOGY, INVESTIGATIONS LECTURE - 5 : CONGENITAL HEART & VALVULAR HEART DISEASE
25 September 2022	CARDIOLOGY: EXAM -4	LECTURE - 6 : CARDIOMYOPATHIES & CARDIAC DISEASES IN YOUNG LECTURE – 7 : HEART FAILURE
27 September 2022	CARDIOLOGY: EXAM -5	LECTURE – 9 : HYPERTENSION LECTURE – 10 : HYPERLIPIDAEMIA
29 September 2022	CARDIOLOGY: EXAM -6	LECTURE – 8 : ECG FINDINGS LECTURE – 11 : OTHERS

For Registration and Query , Please Contact with these What's Up Numbers

+8801626870699 , +8801324403193

CARDIOLOGY

LECTURE – 1 :
CARDIOVASCULAR PHYSIOLOGY, INVESTIGATIONS

CARDIOVASCULAR PHYSIOLOGY
CARDIAC ACTION POTENTIAL
CARDIAC IMAGING: NON-INVASIVE TECHNIQUES EXCLUDING ECHOCARDIOGRAPHY
EXERCISE: PHYSIOLOGICAL CHANGES
EXERCISE: TOLERANCE TESTS

LECTURE - 2 : ACUTE CORONARY SYNDROME

CHEST PAIN: ASSESSMENT OF PATIENTS WITH SUSPECTED CARDIAC CHEST PAIN
ACUTE CORONARY SYNDROME: A VERY BASIC INTRODUCTION
CARDIAC ENZYMES AND PROTEIN MARKERS
ACUTE CORONARY SYNDROME: MANAGEMENT OF NSTEMI
BIVALIRUDIN
ACUTE CORONARY SYNDROME: MANAGEMENT OF STEMI
MYOCARDIAL INFARCTION: STEMI MANAGEMENT
ACUTE CORONARY SYNDROME: PROGNOSTIC FACTORS
ANGINA PECTORIS: DRUG MANAGEMENT
NITRATES
NICORANDIL
PERCUTANEOUS CORONARY INTERVENTION
THROMBOLYSIS
MYOCARDIAL INFARCTION: COMPLICATIONS
MYOCARDIAL INFARCTION: SECONDARY PREVENTION
ANTIPLATELETS: SUMMARY OF LATEST GUIDANCE
ADENOSINE
ADENOSINE DIPHOSPHATE (ADP) RECEPTOR INHIBITORS
CLOPIDOGREL
DIPYRIDAMOLE

LECTURE – 3 : CARDITIS

ACUTE PERICARDITIS
CONSTRICTIVE PERICARDITIS
CARDIAC TAMPONADE
MYOCARDITIS
INFECTIVE ENDOCARDITIS
INFECTIVE ENDOCARDITIS: FEATURES
INFECTIVE ENDOCARDITIS: PROGNOSIS AND MANAGEMENT
INFECTIVE ENDOCARDITIS: PROPHYLAXIS
RHEUMATIC FEVER

LECTURE - 4 : ARRHYTHMIA

HEART SOUNDS
HEART SOUNDS: S1
HEART SOUNDS: S2
MURMURS
PULSES
JUGULAR VENOUS PULSE
JVP: CANNON WAVES
ADULT ADVANCED LIFE SUPPORT
PERI-ARREST RHYTHMS: BRADYCARDIA
PACEMAKERS: TEMPORARY
ATROPINE
PERI-ARREST RHYTHMS: TACHYCARDIA
BROAD COMPLEX TACHYCARDIA
VENTRICULAR TACHYCARDIA
VENTRICULAR TACHYCARDIA: MANAGEMENT
AMIODARONE
SUPRAVENTRICULAR TACHYCARDIA
ATRIAL FLUTTER
VALSALVA MANOEUVRE
MULTIFOCAL ATRIAL TACHYCARDIA
WOLFF-PARKINSON WHITE
ATRIAL FIBRILLATION: A VERY BASIC INTRODUCTION

ATRIAL FIBRILLATION: ANTICOAGULATION
ATRIAL FIBRILLATION: CARDIOVERSION
ATRIAL FIBRILLATION: PHARMACOLOGICAL CARDIOVERSION
ATRIAL FIBRILLATION: POST-STROKE
ATRIAL FIBRILLATION: RATE CONTROL AND MAINTENANCE OF SINUS RHYTHM
INVESTIGATING PALPITATIONS
COMBINATION ANTIPLATELET AND ANTICOAGULANT THERAPY
WARFARIN
WARFARIN: MANAGEMENT OF HIGH INR
DABIGATRAN

LECTURE - 5 : CONGENITAL HEART & VALVULAR HEART DISEASE

CONGENITAL HEART DISEASE: TYPES
TETRALOGY OF FALLOT
TRANSPOSITION OF THE GREAT ARTERIES
ATRIAL SEPTAL DEFECTS
VENTRICULAR SEPTAL DEFECT
PATENT DUCTUS ARTERIOSUS
AORTIC REGURGITATION
AORTIC STENOSIS
BICUSPID AORTIC VALVE
MITRAL REGURGITATION
MITRAL VALVE PROLAPSE
MITRAL STENOSIS
TRICUSPID REGURGITATION
PROSTHETIC HEART VALVES
PATENT FORAMEN OVALE
PARADOXICAL EMBOLISATION
EISENMENGER'S SYNDROME
CARDIAC CATHETERISATION AND OXYGEN SATURATION LEVELS

LECTURE - 6 : CARDIOMYOPATHIES & CARDIAC DISEASES IN YOUNG

CARDIOMYOPATHIES: KEY POINTS
DILATED CARDIOMYOPATHY
RESTRICTED CARDIOMYOPATHY
HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY: FEATURES
HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY: MANAGEMENT
HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY: PROGNOSTIC FACTORS
ARRHYTHMOGENIC RIGHT VENTRICULAR CARDIOMYOPATHY
BRUGADA SYNDROME
CATECHOLAMINERGIC POLYMORPHIC VENTRICULAR TACHYCARDIA
TAKOTSUBO CARDIOMYOPATHY
LONG QT SYNDROME
TORSADES DE POINTES
IMPLANTABLE CARDIAC DEFIBRILLATORS

LECTURE – 7 : HEART FAILURE

HEART FAILURE: NYHA CLASSIFICATION
CHRONIC HEART FAILURE: DIAGNOSIS
HEART FAILURE: NON-DRUG MANAGEMENT
HEART FAILURE: DRUG MANAGEMENT
PULMONARY CAPILLARY WEDGE PRESSURE
B-TYPE NATRIURETIC PEPTIDE
ATRIAL NATRIURETIC PEPTIDE

LECTURE – 8 : ECG FINDINGS

ATRIOVENTRICULAR BLOCK
COMPLETE HEART BLOCK
CORONARY CIRCULATION
ECG: AXIS DEVIATION
ECG CORONARY TERRITORIES
ECG: DIGOXIN
ECG: HYPOKALEMIA
ECG: HYPOTHERMIA
ECG: LEFT BUNDLE BRANCH BLOCK
ECG: NORMAL VARIANTS
ECG: P WAVE CHANGES
ECG: PR INTERVAL
ECG: RIGHT BUNDLE BRANCH BLOCK
ECG: ST DEPRESSION
ECG: ST ELEVATION
ECG: T WAVE CHANGES

LECTURE – 9 : HYPERTENSION

BLOOD PRESSURE MEASUREMENT
HYPERTENSION: DIAGNOSIS
HYPERTENSION: SECONDARY CAUSES
HYPERTENSION: MANAGEMENT
ACE INHIBITORS
ACE INHIBITORS: SIDE EFFECTS
ANGIOTENSIN II RECEPTOR BLOCKERS
CENTRALLY ACTING ANTIHYPERTENSIVES
THIAZIDE DIURETICS
LOOP DIURETICS
BETA-BLOCKERS
HYDRALAZINE
MALIGNANT HYPERTENSION
DIABETES MELLITUS: HYPERTENSION MANAGEMENT

HYPERTENSION IN PREGNANCY
PRE-ECLAMPSIA
ECLAMPSIA
ISOLATED SYSTOLIC HYPERTENSION

LECTURE – 10 : HYPERLIPIDAEMIA

REMNANT HYPERLIPIDAEMIA
HYPERLIPIDAEMIA: SECONDARY CAUSES
HYPERLIPIDAEMIA: XANTHOMATA
HYPERLIPIDAEMIA: MANAGEMENT
HYPERLIPIDAEMIA: MECHANISM OF ACTION AND ADVERSE EFFECTS
STATINS
NICOTINIC ACID
FIBRATES
CHOLESTYRAMINE

LECTURE – 11 : OTHERS

COARCTATION OF THE AORTA
AORTIC DISSECTION
AORTIC DISSECTION MANAGEMENT
PULMONARY EMBOLISM: INVESTIGATION
PREGNANCY: DVT/PE INVESTIGATION
PULMONARY EMBOLISM: MANAGEMENT
CHOLESTEROL EMBOLISATION
PERIPHERAL ARTERIAL DISEASE: MANAGEMENT
BUERGER’S DISEASE
ATRIAL MYXOMA
SYNDROME X
TAKAYASU’S ARTERITIS